

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	709/*.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:15
L2	46140	"709"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:15
L3	30	2 and IIR	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:16
L4	14	2 and (IIR near2 filter\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:16
L5	11902316	(@ad<"20010601" @rlad<"20010601")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:17
L6	14	4 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:17
L7	11	4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:17
L8	711	DTX	USPAT	OR	OFF	2006/07/24 10:57
L9	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/24 10:57
L10	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/24 10:57
L11	234	DTX and cdma	USPAT	OR	OFF	2006/07/24 10:57
L12	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/24 10:57
L13	457	DTX and frame	USPAT	OR	OFF	2006/07/24 10:57
L14	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/24 10:57
L15	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/24 10:57

## EAST Search History

L16	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/24 10:57
L17	29	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/24 10:57
L18	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/24 10:57
L19	74290	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L20	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L21	26	((((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/24 10:57
L22	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L23	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/24 10:57
L24	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/24 10:57
L25	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/24 10:57
L26	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L27	536765	filter	USPAT	OR	OFF	2006/07/24 10:57
L28	232447	filter and input	USPAT	OR	OFF	2006/07/24 10:57
L29	8249	filter adj input	USPAT	OR	OFF	2006/07/24 10:57
L30	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/24 10:57
L31	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/24 10:57
L32	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/24 10:57
L33	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/24 10:57
L34	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/24 10:57
L35	1872	IIR adj filter	USPAT	OR	OFF	2006/07/24 10:57

## EAST Search History

L36	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/24 10:57
L37	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/24 10:57
L38	711	DTX	USPAT	OR	OFF	2006/07/24 10:57
L39	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/24 10:57
L40	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/24 10:57
L41	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/24 10:57
L42	29	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/24 10:57
L43	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/24 10:57
L44	74290	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L45	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L46	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/24 10:57
L47	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L48	536765	filter	USPAT	OR	OFF	2006/07/24 10:57
L49	232447	filter and input	USPAT	OR	OFF	2006/07/24 10:57
L50	8249	filter adj input	USPAT	OR	OFF	2006/07/24 10:57
L51	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/24 10:57
L52	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/24 10:57
L53	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/24 10:57
L54	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/24 10:57
L55	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/24 10:57
L56	1872	IIR adj filter	USPAT	OR	OFF	2006/07/24 10:57
L57	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/24 10:57
L58	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L59	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/24 10:57
L60	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/24 10:57

## EAST Search History

L61	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/24 10:57
L62	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/24 10:57
L63	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/24 10:57
L64	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/24 10:57
L65	234	DTX and cdma	USPAT	OR	OFF	2006/07/24 10:57
L66	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/24 10:57
L67	457	DTX and frame	USPAT	OR	OFF	2006/07/24 10:57
L68	1	"20020012330" and IIR	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L69	26	"648472"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L70	0	"648472".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L71	1	"6480472".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L72	12	"6335990"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L73	1	"6335990".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57

## EAST Search History

L74	1	"6335990".pn. and IIR	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L75	0	(IIR near2 filter) with (input and outout)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L76	4841	(IIR near2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L77	1448	(IIR near2 filter) same (input and output)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L78	1000	L77 and (@ad<"20010601" @rlad<"20010601")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L79	0	L78 and DTX	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L80	0	L78 and "discontinuously transmitted frames"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L81	0	L78 and (discontin\$7 near2 transmit\$4 near2 frame\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L82	1	L78 and (classi\$7 near2 frame\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L83	1	L82 and 382/261	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57

## EAST Search History

L84	8	DTX and frame and 370/206	USPAT	OR	OFF	2006/07/24 10:57
L85	711	DTX	USPAT	OR	OFF	2006/07/24 10:57
L86	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/24 10:57
L87	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/24 10:57
L88	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/24 10:57
L89	29	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/24 10:57
L90	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/24 10:57
L91	74290	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L92	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L93	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/24 10:57
L94	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L95	536765	filter	USPAT	OR	OFF	2006/07/24 10:57
L96	232447	filter and input	USPAT	OR	OFF	2006/07/24 10:57
L97	8249	filter adj input	USPAT	OR	OFF	2006/07/24 10:57
L98	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/24 10:57
L99	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/24 10:57
L100	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/24 10:57
L101	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/24 10:57
L102	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/24 10:57
L103	1872	IIR adj filter	USPAT	OR	OFF	2006/07/24 10:57
L104	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/24 10:57
L105	711	DTX	USPAT	OR	OFF	2006/07/24 10:57
L106	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/24 10:57
L107	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/24 10:57
L108	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/24 10:57

## EAST Search History

L109	29	((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/24 10:57
L110	27	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/24 10:57
L111	74290	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L112	26	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L113	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/24 10:57
L114	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L115	536765	filter	USPAT	OR	OFF	2006/07/24 10:57
L116	232447	filter and input	USPAT	OR	OFF	2006/07/24 10:57
L117	8249	filter adj input	USPAT	OR	OFF	2006/07/24 10:57
L118	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/24 10:57
L119	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/24 10:57
L120	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/24 10:57
L121	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/24 10:57
L122	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/24 10:57
L123	1872	IIR adj filter	USPAT	OR	OFF	2006/07/24 10:57
L124	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/24 10:57
L125	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L126	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L127	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/24 10:57
L128	26	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/24 10:57
L129	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/24 10:57

## EAST Search History

L130	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/24 10:57
L131	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/24 10:57
L132	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/24 10:57
L133	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/24 10:57
L134	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/24 10:57
L135	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/24 10:57
L136	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/24 10:57
L137	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/24 10:57
L138	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/24 10:57
L139	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/24 10:57
L140	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/24 10:57
L141	234	DTX and cdma	USPAT	OR	OFF	2006/07/24 10:57
L142	234	DTX and cdma	USPAT	OR	OFF	2006/07/24 10:57
L143	457	DTX and frame	USPAT	OR	OFF	2006/07/24 10:57
L144	457	DTX and frame	USPAT	OR	OFF	2006/07/24 10:57
L145	711	DTX	USPAT	OR	OFF	2006/07/24 10:57
L146	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/24 10:57
L147	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/24 10:57
L148	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/24 10:57
L149	29	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/24 10:57
L150	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/24 10:57
L151	74290	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57



## EAST Search History

L152	26	(((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L153	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/24 10:57
L154	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L155	536765	filter	USPAT	OR	OFF	2006/07/24 10:57
L156	232447	filter and input	USPAT	OR	OFF	2006/07/24 10:57
L157	8249	filter adj input	USPAT	OR	OFF	2006/07/24 10:57
L158	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/24 10:57
L159	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/24 10:57
L160	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/24 10:57
L161	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/24 10:57
L162	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/24 10:57
L163	1872	IIR adj filter	USPAT	OR	OFF	2006/07/24 10:57
L164	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/24 10:57
L165	711	DTX	USPAT	OR	OFF	2006/07/24 10:57
L166	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/24 10:57
L167	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/24 10:57
L168	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/24 10:57
L169	29	(((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/24 10:57
L170	27	(((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/24 10:57
L171	74290	(((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L172	26	(((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L173	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/24 10:57
L174	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L175	536765	filter	USPAT	OR	OFF	2006/07/24 10:57
L176	232447	filter and input	USPAT	OR	OFF	2006/07/24 10:57

## EAST Search History

L177	8249	filter adj input	USPAT	OR	OFF	2006/07/24 10:57
L178	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/24 10:57
L179	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/24 10:57
L180	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/24 10:57
L181	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/24 10:57
L182	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/24 10:57
L183	1872	IIR adj filter	USPAT	OR	OFF	2006/07/24 10:57
L184	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/24 10:57
L185	26	"648472"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L186	0	"648472".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L187	12	"6335990"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L188	1	"6335990".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L189	0	(IIR near2 filter) with (input and outout)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L190	4841	(IIR near2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L191	1448	(IIR near2 filter) same (input and output)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57

## EAST Search History

L192	1000	L191 and (@ad<"20010601" @riad<"20010601")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L193	0	L192 and DTX	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L194	0	L192 and "discontinuously transmitted frames"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L195	0	L192 and (discontin\$7 near2 transmit\$4 near2 frame\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L196	1	L192 and (classi\$7 near2 frame\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L197	1	L196 and 382/261	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:57
L198	8	DTX and frame and 370/206	USPAT	OR	OFF	2006/07/24 10:57
L199	711	DTX	USPAT	OR	OFF	2006/07/24 10:57
L200	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/24 10:57
L201	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/24 10:57
L202	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/24 10:57
L203	29	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/24 10:57
L204	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/24 10:57
L205	74290	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57

## EAST Search History

L206	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:57
L207	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/24 10:57
L208	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:57
L209	536765	filter	USPAT	OR	OFF	2006/07/24 10:57
L210	232447	filter and input	USPAT	OR	OFF	2006/07/24 10:57
L211	8249	filter adj input	USPAT	OR	OFF	2006/07/24 10:57
L212	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/24 10:57
L213	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/24 10:57
L214	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/24 10:57
L215	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/24 10:57
L216	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/24 10:57
L217	1872	IIR adj filter	USPAT	OR	OFF	2006/07/24 10:57
L218	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/24 10:57
L219	711	DTX	USPAT	OR	OFF	2006/07/24 10:57
L220	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/24 10:58
L221	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/24 10:58
L222	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/24 10:58
L223	29	(((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/24 10:58
L224	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/24 10:58
L225	74290	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:58
L226	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/24 10:58
L227	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/24 10:58
L228	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:58
L229	536765	filter	USPAT	OR	OFF	2006/07/24 10:58
L230	232447	filter and input	USPAT	OR	OFF	2006/07/24 10:58

## EAST Search History

L231	8249	filter adj input	USPAT	OR	OFF	2006/07/24 10:58
L232	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/24 10:58
L233	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/24 10:58
L234	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/24 10:58
L235	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/24 10:58
L236	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/24 10:58
L237	1872	IIR adj filter	USPAT	OR	OFF	2006/07/24 10:58
L238	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/24 10:58
L239	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:58
L240	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:58
L241	1	"20020012330" and IIR	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:58
L242	1	"6480472".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:58
L243	1	"6335990".pn. and IIR	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:58
L244	1	L192 and (classi\$7 near2 frame\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:58
L245	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:58
L246	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/24 10:58
L247	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/24 10:58
L248	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/24 10:58

## EAST Search History

L249	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/24 10:58
L250	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/24 10:58
L251	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/24 10:58
L252	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/24 10:58
L253	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/24 10:58
L254	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/24 10:58
L255	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/24 10:58
L256	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/24 10:58
L257	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/24 10:58
L258	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/24 10:58
L259	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/24 10:58
L260	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/24 10:58
L261	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/24 10:58
L262	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/24 10:58

## EAST Search History

L263	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/24 10:58
L264	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/24 10:58
L265	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/24 10:58
L266	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/24 10:58
L267	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/24 10:58
L268	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/24 10:58
L269	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/24 10:58
L270	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/24 10:58
L271	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/24 10:58
L272	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/24 10:58
L273	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/24 10:58
L274	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/24 10:58
L275	234	DTX and cdma	USPAT	OR	OFF	2006/07/24 10:58
L276	234	DTX and cdma	USPAT	OR	OFF	2006/07/24 10:58
L277	234	DTX and cdma	USPAT	OR	OFF	2006/07/24 10:58
L278	234	DTX and cdma	USPAT	OR	OFF	2006/07/24 10:58
L279	457	DTX and frame	USPAT	OR	OFF	2006/07/24 10:58
L280	457	DTX and frame	USPAT	OR	OFF	2006/07/24 10:58
L281	457	DTX and frame	USPAT	OR	OFF	2006/07/24 10:58
L282	457	DTX and frame	USPAT	OR	OFF	2006/07/24 10:58
L283	1000	L191 and (@ad<"20010601" @rlad<"20010601")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:58
S1	535	DTX	USPAT	OR	OFF	2004/08/24 14:12
S2	74	(DTX and frame) and CRC	USPAT	OR	OFF	2004/08/17 10:44
S3	29	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2004/08/17 10:44
S4	144	DTX and cdma	USPAT	OR	OFF	2004/08/17 11:32
S5	124	(DTX and cdma) and frame	USPAT	OR	ON	2004/08/17 11:33

## EAST Search History

S6	328	DTX and frame	USPAT	OR	OFF	2004/08/20 15:00
S7	32	(DTX and frame) and erasure	USPAT	OR	OFF	2004/08/20 15:00
S8	22	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2004/08/20 15:01
S9	24	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2004/08/20 15:01
S10	21	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2004/08/20 15:01
S11	21	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2004/08/20 15:02
S12	66491	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2004/08/20 15:02
S13	21	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2004/08/20 15:02
S14	21	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2004/08/20 15:03
S15	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2004/08/23 08:29
S16	0	"6731948".URPN.	USPAT	OR	OFF	2004/08/23 08:29
S17	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2004/08/23 08:29
S18	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2004/08/23 08:37
S19	0	("filter").PN.	USPAT; USOCR	OR	OFF	2004/08/27 06:54
S20	481079	filter	USPAT	OR	OFF	2004/08/27 06:54
S21	204223	filter and input	USPAT	OR	OFF	2004/08/27 06:55
S22	7377	filter adj input	USPAT	OR	OFF	2004/08/27 06:55
S23	1395397	previous adj\$3 output	USPAT	OR	OFF	2004/08/27 06:56
S24	7317	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2004/08/27 06:57
S25	2982	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2004/08/27 07:18
S26	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2004/08/27 06:59



## EAST Search History

S27	1488183	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2004/08/27 06:59
S28	1498	IIR adj filter	USPAT	OR	OFF	2004/08/27 07:18
S29	12	((IIR adj filter) near (input and output))	USPAT	OR	OFF	2004/08/27 07:19
S30	2163693	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2004/08/27 07:20
S31	609	DTX	USPAT	OR	OFF	2005/08/04 14:51
S32	94	(DTX and frame) and CRC	USPAT	OR	OFF	2005/08/04 14:51
S33	48	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2005/08/04 14:51
S34	188	DTX and cdma	USPAT	OR	OFF	2005/08/04 14:51
S35	162	(DTX and cdma) and frame	USPAT	OR	ON	2005/08/04 14:51
S36	384	DTX and frame	USPAT	OR	OFF	2006/04/19 10:25
S37	46	(DTX and frame) and erasure	USPAT	OR	OFF	2005/08/04 14:51
S38	29	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2005/08/04 14:51
S39	34	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2005/08/04 14:51
S40	27	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2005/08/04 14:51
S41	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2005/08/04 14:51
S42	70286	((((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2005/08/04 14:51
S43	25	((((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2005/08/04 14:51
S44	25	((((((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2005/08/04 14:51
S45	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2005/08/04 14:51
S46	0	"6731948".URPN.	USPAT	OR	OFF	2005/08/04 14:51
S47	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2005/08/04 14:51

## EAST Search History

S48	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2005/08/04 14:51
S49	0	("filter").PN.	USPAT; USOCR	OR	OFF	2005/08/04 14:51
S50	507198	filter	USPAT	OR	OFF	2005/08/04 14:51
S51	216676	filter and input	USPAT	OR	OFF	2005/08/04 14:51
S52	7757	filter adj input	USPAT	OR	OFF	2005/08/04 14:51
S53	1471669	previous adj\$3 output	USPAT	OR	OFF	2005/08/04 14:51
S54	7692	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2005/08/04 14:51
S55	3227	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2005/08/04 14:51
S56	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2005/08/04 14:51
S57	1559290	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2005/08/04 14:51
S58	1638	IIR adj filter	USPAT	OR	OFF	2005/08/04 14:51
S59	15	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2005/08/04 14:51
S60	2258873	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2005/08/04 14:51
S61	1	"20020012330" and IIR	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 09:50
S62	26	"648472"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 09:50
S63	0	"648472".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 09:51
S64	1	"6480472".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 09:52
S65	9	"6335990"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 09:52

## EAST Search History

S66	1	"6335990".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 09:53
S67	1	"6335990".pn. and IIR	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:05
S68	0	(IIR near2 filter) with (input and outout)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:06
S69	4600	(IIR near2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:06
S70	1367	(IIR near2 filter) same (input and output)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:07
S71	984	S70 and (@ad<"20010601" @rlad<"20010601")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:11
S72	0	S71 and DTX	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:11
S73	0	S71 and "discontinuously transmitted frames"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:12
S74	0	S71 and (discontin\$7 near2 transmit\$4 near2 frame\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:13
S75	1	S71 and (classi\$7 near2 frame\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:25

## EAST Search History

S76	1	S75 and 382/261	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/19 10:25
S77	8	DTX and frame and 370/206	USPAT	OR	OFF	2006/04/19 10:25
S78	676	DTX	USPAT	OR	OFF	2006/04/19 10:26
S79	113	(DTX and frame) and CRC	USPAT	OR	OFF	2006/04/19 10:26
S80	62	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/04/19 10:26
S81	219	DTX and cdma	USPAT	OR	OFF	2006/04/19 10:26
S82	187	(DTX and cdma) and frame	USPAT	OR	ON	2006/04/19 10:26
S83	433	DTX and frame	USPAT	OR	OFF	2006/04/19 10:26
S84	50	(DTX and frame) and erasure	USPAT	OR	OFF	2006/04/19 10:26
S85	30	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/04/19 10:26
S86	37	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/04/19 10:26
S87	29	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/04/19 10:26
S88	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/04/19 10:26
S89	73016	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/04/19 10:26
S90	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/04/19 10:26
S91	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/04/19 10:26
S92	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/04/19 10:26
S93	2	"6731948".URPN.	USPAT	OR	OFF	2006/04/19 10:26
S94	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/04/19 10:26
S95	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/04/19 10:26

## EAST Search History

S96	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/04/19 10:26
S97	527434	filter	USPAT	OR	OFF	2006/04/19 10:26
S98	227601	filter and input	USPAT	OR	OFF	2006/04/19 10:26
S99	8102	filter adj input	USPAT	OR	OFF	2006/04/19 10:26
S10 0	1531840	previous adj\$3 output	USPAT	OR	OFF	2006/04/19 10:26
S10 1	8033	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/04/19 10:26
S10 2	3500	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/04/19 10:26
S10 3	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/04/19 10:26
S10 4	1615172	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/04/19 10:26
S10 5	1802	IIR adj filter	USPAT	OR	OFF	2006/04/19 10:26
S10 6	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/04/19 10:26
S10 7	2329133	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/04/19 10:26
S10 8	676	DTX	USPAT	OR	OFF	2006/04/19 10:26
S10 9	50	(DTX and frame) and erasure	USPAT	OR	OFF	2006/04/19 10:26
S11 0	30	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/04/19 10:26
S11 1	37	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/04/19 10:26
S11 2	29	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/04/19 10:26
S11 3	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/04/19 10:26
S11 4	73016	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/04/19 10:26
S11 5	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/04/19 10:26
S11 6	2	"6731948".URPN.	USPAT	OR	OFF	2006/04/19 10:26
S11 7	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/04/19 10:26

## EAST Search History

S11 8	527434	filter	USPAT	OR	OFF	2006/04/19 10:26
S11 9	227601	filter and input	USPAT	OR	OFF	2006/04/19 10:26
S12 0	8102	filter adj input	USPAT	OR	OFF	2006/04/19 10:26
S12 1	1531840	previous adj\$3 output	USPAT	OR	OFF	2006/04/19 10:26
S12 2	8033	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/04/19 10:26
S12 3	3500	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/04/19 10:26
S12 4	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/04/19 10:26
S12 5	1615172	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/04/19 10:26
S12 6	1802	IIR adj filter	USPAT	OR	OFF	2006/04/19 10:26
S12 7	2329133	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/04/19 10:26
S12 8	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/04/19 10:26
S12 9	113	(DTX and frame) and CRC	USPAT	OR	OFF	2006/04/19 10:26
S13 0	62	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/04/19 10:26
S13 1	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/04/19 10:26
S13 2	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/04/19 10:26
S13 3	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/04/19 10:26
S13 4	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/04/19 10:26
S13 5	219	DTX and cdma	USPAT	OR	OFF	2006/04/19 10:26
S13 6	187	(DTX and cdma) and frame	USPAT	OR	ON	2006/04/19 10:26

## EAST Search History

S13 7	433	DTX and frame	USPAT	OR	OFF	2006/04/19 10:26
S13 8	711	DTX	USPAT	OR	OFF	2006/07/19 16:22
S13 9	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/19 16:22
S14 0	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/19 16:22
S14 1	234	DTX and cdma	USPAT	OR	OFF	2006/07/19 16:22
S14 2	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/19 16:22
S14 3	457	DTX and frame	USPAT	OR	OFF	2006/07/19 16:22
S14 4	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/19 16:22
S14 5	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/19 16:22
S14 6	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/19 16:22
S14 7	29	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/19 16:22
S14 8	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/19 16:22
S14 9	74290	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/19 16:22
S15 0	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/19 16:22
S15 1	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/19 16:22
S15 2	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/19 16:22
S15 3	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/19 16:22
S15 4	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/19 16:22

## EAST Search History

S15 5	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/19 16:22
S15 6	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/19 16:22
S15 7	536765	filter	USPAT	OR	OFF	2006/07/19 16:22
S15 8	232447	filter and input	USPAT	OR	OFF	2006/07/19 16:22
S15 9	8249	filter adj input	USPAT	OR	OFF	2006/07/19 16:22
S16 0	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/19 16:22
S16 1	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/19 16:22
S16 2	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/19 16:22
S16 3	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/19 16:22
S16 4	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/19 16:22
S16 5	1872	IIR adj filter	USPAT	OR	OFF	2006/07/19 16:22
S16 6	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/19 16:22
S16 7	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/19 16:22
S16 8	711	DTX	USPAT	OR	OFF	2006/07/19 16:22
S16 9	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/19 16:22
S17 0	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/19 16:22
S17 1	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/19 16:22
S17 2	29	((((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/19 16:22
S17 3	27	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/19 16:22
S17 4	74290	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/19 16:22



## EAST Search History

S17 5	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/19 16:22
S17 6	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/19 16:22
S17 7	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/19 16:22
S17 8	536765	filter	USPAT	OR	OFF	2006/07/19 16:22
S17 9	232447	filter and input	USPAT	OR	OFF	2006/07/19 16:22
S18 0	8249	filter adj input	USPAT	OR	OFF	2006/07/19 16:22
S18 1	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/19 16:22
S18 2	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/19 16:22
S18 3	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/19 16:22
S18 4	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/19 16:22
S18 5	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/19 16:22
S18 6	1872	IIR adj filter	USPAT	OR	OFF	2006/07/19 16:22
S18 7	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/19 16:22
S18 8	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/19 16:22
S18 9	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/19 16:22
S19 0	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/19 16:22
S19 1	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/19 16:22
S19 2	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/19 16:22

## EAST Search History

S19 3	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/19 16:22
S19 4	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/19 16:22
S19 5	234	DTX and cdma	USPAT	OR	OFF	2006/07/19 16:22
S19 6	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/19 16:22
S19 7	457	DTX and frame	USPAT	OR	OFF	2006/07/19 16:22
S19 8	1	"20020012330" and IIR	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S19 9	26	"648472"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S20 0	0	"648472".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S20 1	1	"6480472".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S20 2	12	"6335990"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S20 3	1	"6335990".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S20 4	1	"6335990".pn. and IIR	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22

## EAST Search History

S20 5	0	(IIR near2 filter) with (input and outout)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S20 6	4837	(IIR near2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S20 7	1448	(IIR near2 filter) same (input and output)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S20 8	1000	S207 and (@ad<"20010601" @rlad<"20010601")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/24 10:16
S20 9	0	S208 and DTX	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S21 0	0	S208 and "discontinuously transmitted frames"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S21 1	0	S208 and (discontin\$7 near2 transmit\$4 near2 frame\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S21 2	1	S208 and (classi\$7 near2 frame\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S21 3	1	S212 and 382/261	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/07/19 16:22
S21 4	8	DTX and frame and 370/206	USPAT	OR	OFF	2006/07/19 16:22
S21 5	711	DTX	USPAT	OR	OFF	2006/07/19 16:22

## EAST Search History

S21 6	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/19 16:22
S21 7	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/19 16:22
S21 8	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/19 16:22
S21 9	29	((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/19 16:22
S22 0	27	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/19 16:22
S22 1	74290	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) amd discontinuous\$2	USPAT	OR	OFF	2006/07/19 16:22
S22 2	26	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/19 16:22
S22 3	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/19 16:22
S22 4	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/19 16:22
S22 5	536765	filter	USPAT	OR	OFF	2006/07/19 16:22
S22 6	232447	filter and input	USPAT	OR	OFF	2006/07/19 16:22
S22 7	8249	filter adj input	USPAT	OR	OFF	2006/07/19 16:22
S22 8	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/19 16:22
S22 9	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/19 16:22
S23 0	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/19 16:22
S23 1	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/19 16:22
S23 2	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/19 16:22
S23 3	1872	IIR adj filter	USPAT	OR	OFF	2006/07/19 16:22
S23 4	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/19 16:22
S23 5	711	DTX	USPAT	OR	OFF	2006/07/19 16:22

## EAST Search History

S23 6	57	(DTX and frame) and erasure	USPAT	OR	OFF	2006/07/19 16:22
S23 7	32	((DTX and frame) and erasure) and filter	USPAT	OR	OFF	2006/07/19 16:22
S23 8	41	((DTX and frame) and erasure) and filter\$3	USPAT	OR	OFF	2006/07/19 16:22
S23 9	29	((DTX and frame) and erasure) and filter\$3) and analy\$3	USPAT	OR	OFF	2006/07/19 16:22
S24 0	27	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5	USPAT	OR	OFF	2006/07/19 16:22
S24 1	74290	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/19 16:22
S24 2	26	((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2	USPAT	OR	OFF	2006/07/19 16:22
S24 3	4	"6731948".URPN.	USPAT	OR	OFF	2006/07/19 16:22
S24 4	0	("filter").PN.	USPAT; USOCR	OR	OFF	2006/07/19 16:22
S24 5	536765	filter	USPAT	OR	OFF	2006/07/19 16:22
S24 6	232447	filter and input	USPAT	OR	OFF	2006/07/19 16:22
S24 7	8249	filter adj input	USPAT	OR	OFF	2006/07/19 16:22
S24 8	1559108	previous adj\$3 output	USPAT	OR	OFF	2006/07/19 16:22
S24 9	8179	(filter adj input) and (previous adj\$3 output)	USPAT	OR	OFF	2006/07/19 16:22
S25 0	3627	(previous adj\$3 output) and IIR	USPAT	OR	OFF	2006/07/19 16:22
S25 1	0	simple adj infinteimpulse adj response	USPAT	OR	OFF	2006/07/19 16:22
S25 2	1640843	simple adj\$2 infinteimpulse adj\$2 response	USPAT	OR	OFF	2006/07/19 16:22
S25 3	1872	IIR adj filter	USPAT	OR	OFF	2006/07/19 16:22
S25 4	2361101	((IIR adj filter) near (input and output)) adj\$10 equation	USPAT	OR	OFF	2006/07/19 16:22
S25 5	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/19 16:22

## EAST Search History

S25 6	1	("6731948").PN.	USPAT; USOCR	OR	OFF	2006/07/19 16:22
S25 7	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/19 16:22
S25 8	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/19 16:22
S25 9	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/19 16:22
S26 0	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/19 16:22
S26 1	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/19 16:22
S26 2	71	((DTX and frame) and CRC) and CDMA	USPAT	OR	OFF	2006/07/19 16:22
S26 3	26	(((((DTX and frame) and erasure) and filter\$3) and analy\$3) and class\$5) and discontinuous\$2) and determin\$4	USPAT	OR	OFF	2006/07/19 16:22
S26 4	12	("5345598"   "5461639"   "5574982"   "5590409"   "5781856"   "5881368"   "5893035"   "5953666"   "6438119"   "6452941"   "6473419"   "6480472").PN.	USPAT	OR	OFF	2006/07/19 16:22
S26 5	6	("4901307"   "5056109"   "5101501"   "5109390"   "5506865"   "5535429").PN.	USPAT	OR	OFF	2006/07/19 16:22
S26 6	18	(IIR adj filter) near (input and output)	USPAT	OR	OFF	2006/07/19 16:22
S26 7	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/19 16:22
S26 8	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/19 16:22
S26 9	125	(DTX and frame) and CRC	USPAT	OR	OFF	2006/07/19 16:22
S27 0	200	(DTX and cdma) and frame	USPAT	OR	ON	2006/07/19 16:22
S27 1	234	DTX and cdma	USPAT	OR	OFF	2006/07/19 16:22

## EAST Search History

S27 2	234	DTX and cdma	USPAT	OR	OFF	2006/07/19 16:22
S27 3	457	DTX and frame	USPAT	OR	OFF	2006/07/19 16:22
S27 4	457	DTX and frame	USPAT	OR	OFF	2006/07/19 16:22